

WHAT IS CLAIMED IS:

1 1. A plasma display device, comprising:
2 a chassis base that is substantially rectangular having long sides and short sides, a panel
3 attachment face and a circuit board attachment face;
4 a plasma display panel mounted to the panel attachment face of the chassis base;
5 at least one plasma display panel drive circuit board mounted to the circuit board attachment
6 face of the chassis base; and
7 long side reinforcing members mounted on the circuit attachment face of the chassis base
8 along a long side direction thereof, and short side reinforcing members mounted on the circuit
9 attachment face of the chassis base along a short side direction thereof,
10 wherein at least one pair of said short side reinforcing members is made of a first material
11 having a higher rigidity than a second material from which the chassis base is made.

1 2. The plasma display device of claim 1, wherein the second material is made of aluminum
2 and said first material is made of steel having a rigidity that is twice or more the rigidity of the
3 second material.

1 3. The plasma display device of claim 1, the short side reinforcing members comprising:
2 a pair of outer reinforcing members, each provided along respective ones of short side edges
3 of the chassis base; and
4 a pair of inner reinforcing members, each provided inwardly a predetermined distance from
5 respective ones of the outer reinforcing members.

1 4. The plasma display device of claim 3, wherein the chassis base and said pair of outer
2 reinforcing members are made of aluminum, and said pair of inner reinforcing members are made
3 of steel, which has a rigidity that is twice or more the rigidity of aluminum.

1 5. The plasma display device of claim 1, the long side reinforcing members comprising:
2 a pair of outer reinforcing members, each provided along respective ones of long side edges
3 of the chassis base;
4 a pair of inner reinforcing members, each provided inwardly a predetermined distance from
5 respective ones of the outer reinforcing members; and
6 a middle reinforcing member provided between the two first inner reinforcing members.

1 6. The plasma display device of claim 5, wherein the chassis base, said pairs of inner and
2 outer reinforcing members and said middle reinforcing member are made of aluminum.

1 7. The plasma display device of claim 5, wherein the chassis base and said pairs of inner and
2 outer reinforcing members are made of aluminum, and said middle reinforcing member is made of
3 steel, which has a rigidity that is twice or more the rigidity of aluminum.

1 8. The plasma display device of claim 2, the long side reinforcing members comprising:
2 a pair of first outer reinforcing members, each provided along respective ones of long side
3 edges of the chassis base;
4 a pair of first inner reinforcing members, each provided inwardly a predetermined distance

5 from respective ones of the outer reinforcing members; and

6 a middle reinforcing member provided between the two first inner reinforcing members.

1 9. The plasma display device of claim 8, the short side reinforcing members comprising:

2 a pair of second outer reinforcing members, each provided along respective ones of short side
3 edges of the chassis base; and

4 a pair of second inner reinforcing members, each provided inwardly a predetermined distance
5 from respective ones of the outer reinforcing members.

1 10. The plasma display device of claim 9, wherein the chassis base and said pair of second
2 outer reinforcing members are made of said second material, and said pair of second inner
3 reinforcing members are made of said first material.

1 11. The plasma display device of claim 9, wherein the chassis base, said pairs of first inner
2 and first outer reinforcing members and said middle reinforcing member are made of said second
3 material.

1 12. The plasma display device of claim 9, wherein the chassis base and said pairs of first
2 inner and first outer reinforcing members are made of second material, and said middle reinforcing
3 member is made of said first material.

1 13. The plasma display device of claim 11, wherein the chassis base and said pair of second
2 outer reinforcing members are made of said second material, and said pair of second inner

reinforcing members are made of said first material.

14. The plasma display device of claim 12, wherein the chassis base and said pair of second outer reinforcing members are made of said second material, and said pair of second inner reinforcing members are made of said first material.

15. A chassis base of a plasma display device, the chassis base comprising:
horizontal sides and vertical sides substantially forming a rectangular chassis base,
a panel attachment face to which a plasma display panel is mounted;
a circuit board attachment face to which at least one plasma display panel drive circuit board is mounted;
first reinforcing members mounted on the circuit attachment face and parallel to the horizontal sides of the chassis base; and
second reinforcing members mounted on the circuit attachment face and parallel to the vertical sides of the chassis,
wherein at least one pair of said second reinforcing members is made of a first material having a higher rigidity than a second material from which the chassis base is made and at least two pairs of said first reinforcing members and a remaining pair of second reinforcing members are made of said second material.

16. The chassis base of the plasma display device of claim 15, wherein the second material is made of aluminum and said first material is made of steel having a rigidity that is twice or more the rigidity of the second material.

1 17. The chassis base of the plasma display device of claim 15, the second reinforcing
2 members comprising:

3 a pair of outer reinforcing members, each provided along respective ones of short side edges
4 of the chassis base; and

5 a pair of inner reinforcing members, each provided inwardly a predetermined distance from
6 respective ones of the outer reinforcing members.

1 18. The chassis base of the plasma display device of claim 17, wherein the chassis base and
2 said pair of outer reinforcing members are made of aluminum, and said pair of inner reinforcing
3 members are made of steel, which has a rigidity that is twice or more the rigidity of aluminum.

1 19. The chassis base of the plasma display device of claim 15, the first reinforcing members
2 comprising:

3 a pair of outer reinforcing members, each provided along respective ones of long side edges
4 of the chassis base;

5 a pair of inner reinforcing members, each provided inwardly a predetermined distance from
6 respective ones of the outer reinforcing members; and

7 a middle reinforcing member provided between the two first inner reinforcing members.

1 20. The chassis base of the plasma display device of claim 19, wherein the chassis base, said
2 pairs of inner and outer reinforcing members and said middle reinforcing member are made of
3 aluminum.

1 21. The chassis base of the plasma display device of claim 19, wherein the chassis base and
2 said pairs of inner and outer reinforcing members are made of aluminum, and said middle reinforcing
3 member is made of steel, which has a rigidity that is twice or more the rigidity of aluminum.